WEEKLY PROGRESS REPORT

UPSKILL CAMPUS

INTERNSHIP IN DATA SCIENCE AND MACHINE LEARNING

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College – Guru Nanak Dev DSEU Rohini Campus

WEEK 3

➢ CONTENT

- In the third week of the internship, topics like probability and statistics, AI, data science, data science skills and the AI vs data science were explained briefly.
- An e-book named 'An introduction to probability and statistics ' by Vijay K. Rohatgi and A. K. Md. Ehsanes Saleh was provided.
- We were also taught about the skills that are crucial for a data scientist, some of them are programming, ML, deep learning, statistics and mathematics etc.

- The difference between AI and data science on the basis of skills required, salary etc. was explained.

➢ CHALLENGES AND HURDLES

- I am little week in mathematics and I take time to understand it properly. Topics like probability and statistics are related to mathematics and therefore I faced problem in them.
    - ➔ I watched some tutorials to understand the topics properly.

➢ LESSONS LEARNED

- What is artificial intelligence(AI) is, what data science is and what's the difference between them.
- Probability, statistics and various questions on them.
- What do data scientist do?
- Various technical skills required for data science –
    1. Programming - You need to understand programming languages like Java, Python, Perl, C, C++, and SQL.
    2. Statistics and mathematics - Mathematics and statistics are an integral part of data science.
    3. Etc.

Week 3 date – 30 June 2023
Data – 4 July 2023